

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058212.D
 Acq On : 20 Jun 2018 16:16
 Operator : VA/AP
 Sample : J3554-07
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-6(3.0)

Quant Time: Jun 21 11:19:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	786596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1034516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	825279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	463656	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	439491	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
35) Dibromofluoromethane	5.55	113	426620	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	953930	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.93	95	405944	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

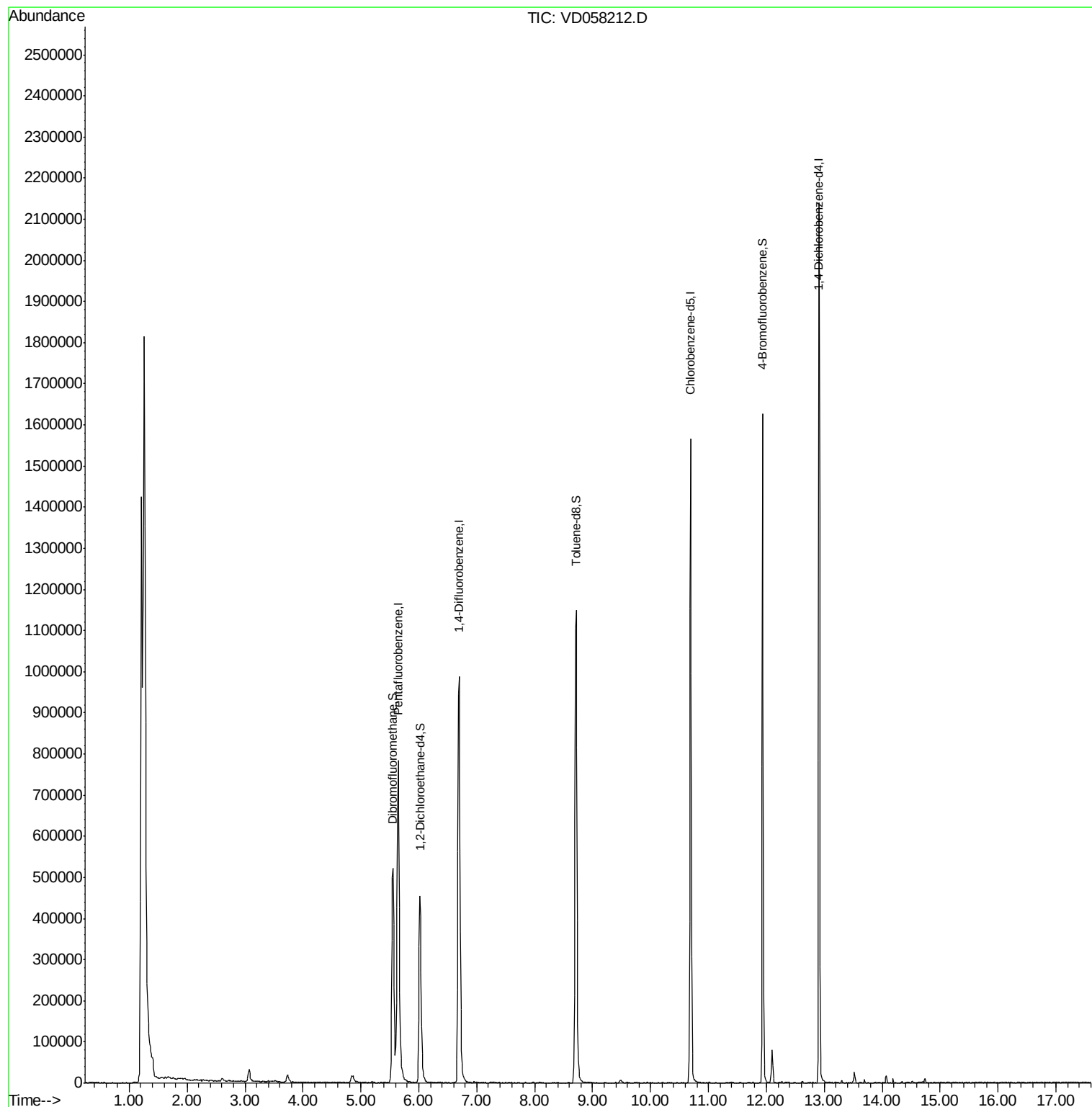
Target Compounds	Qvalue

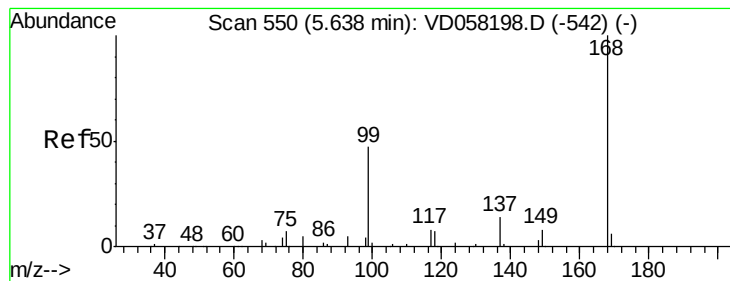
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD058212.D

Acq: 20 Jun 2018 16:16

Instrument :

MSVOA_D

ClientSampleId :

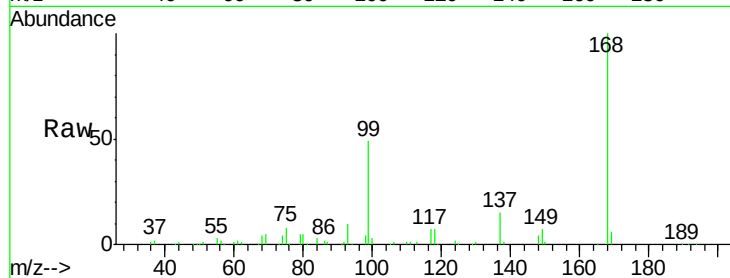
A-6(3.0)

Tot Ion:168 Resp: 786596

Ion Ratio Lower Upper

168 100

99 49.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

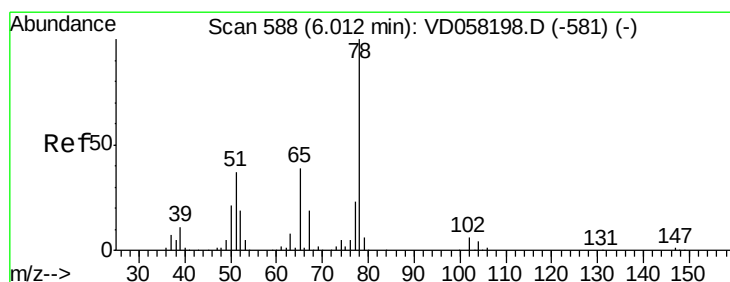
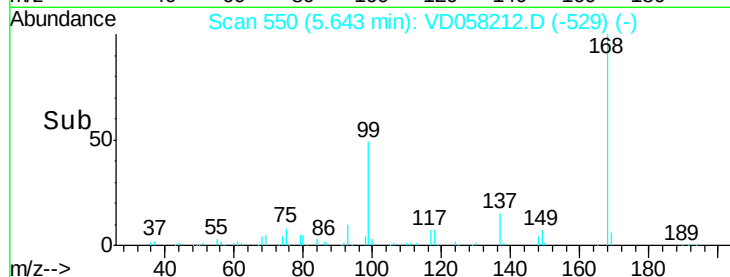
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. 0.01 min

Lab File: VD058212.D

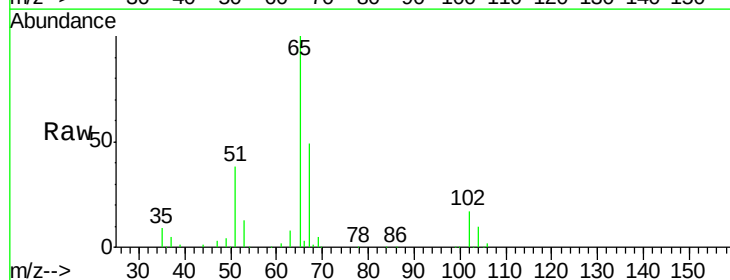
Acq: 20 Jun 2018 16:16

Tgt Ion: 65 Resp: 439491

Ion Ratio Lower Upper

65 100

67 48.7 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

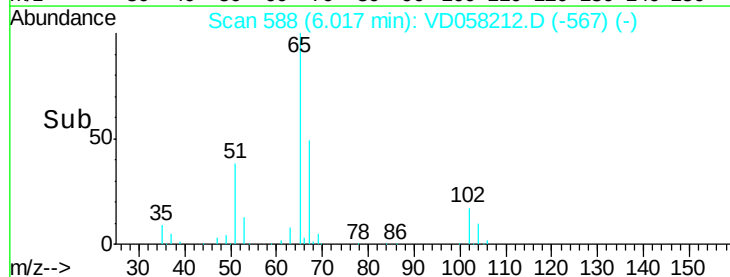
150000

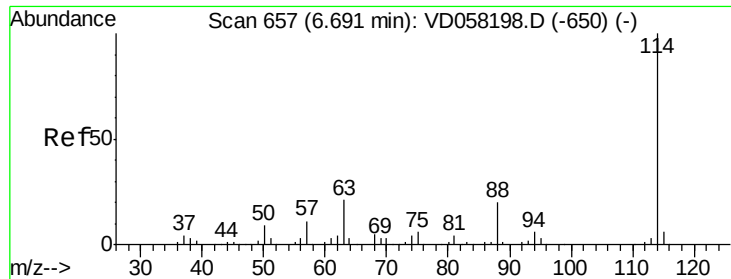
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.70 min Scan# 657

Delta R.T. 0.01 min

Lab File: VD058212.D

Acq: 20 Jun 2018 16:16

Instrument :

MSVOA_D

ClientSampleId :

A-6(3.0)

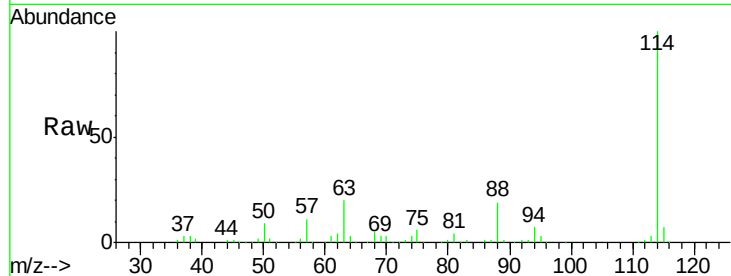
Tot Ion:114 Resp: 1034516

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

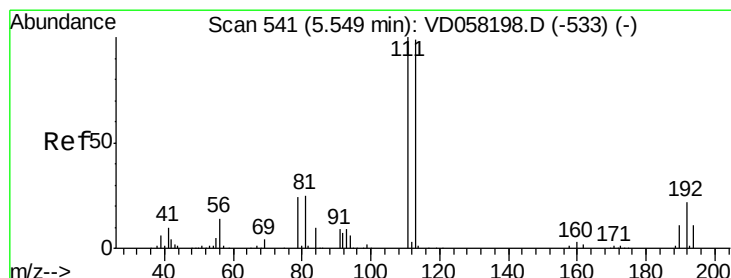
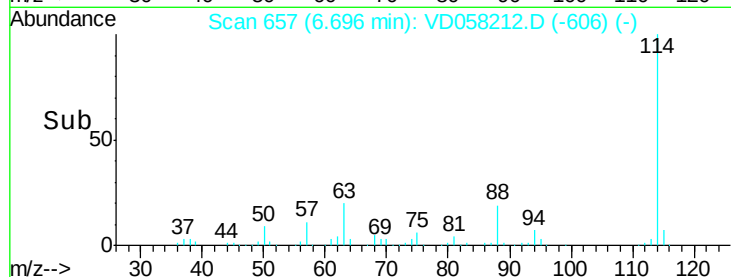
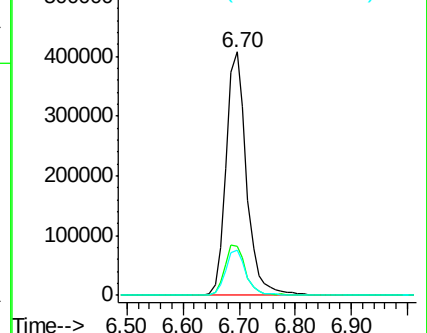
88 18.8 0.0 40.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.01 min

Lab File: VD058212.D

Acq: 20 Jun 2018 16:16

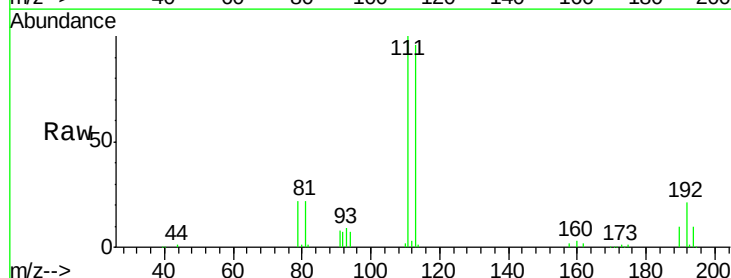
Tgt Ion:113 Resp: 426620

Ion Ratio Lower Upper

113 100

111 104.4 80.6 121.0

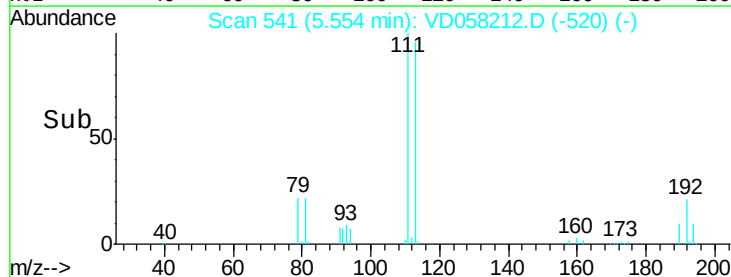
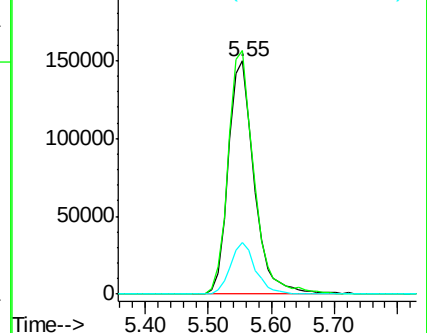
192 21.9 17.8 26.6

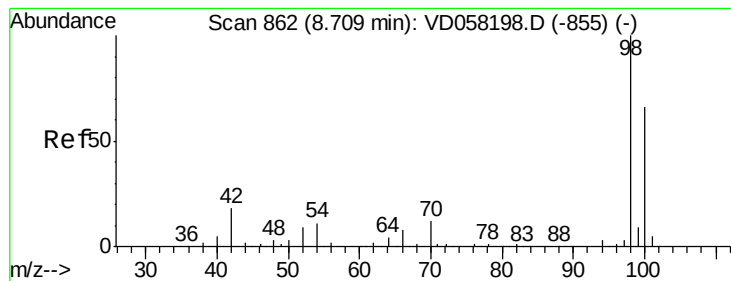


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD058212.D

Acq: 20 Jun 2018 16:16

Instrument :

MSVOA_D

ClientSampleId :

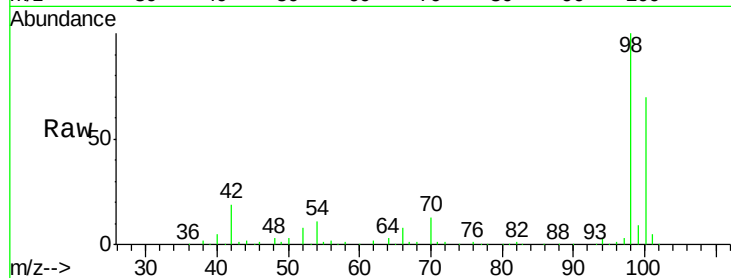
A-6(3.0)

Tot Ion: 98 Resp: 953930

Ion Ratio Lower Upper

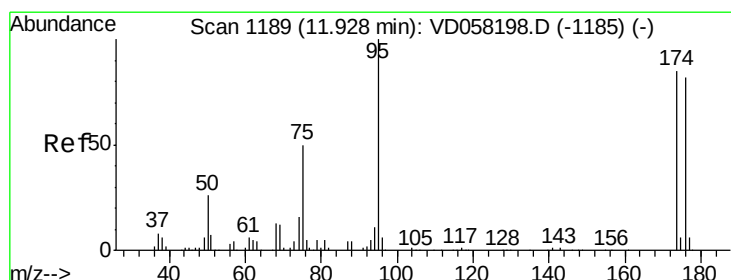
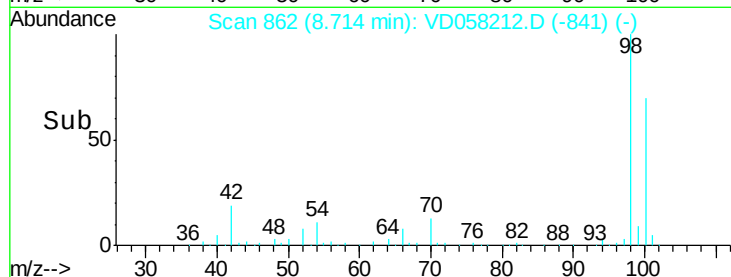
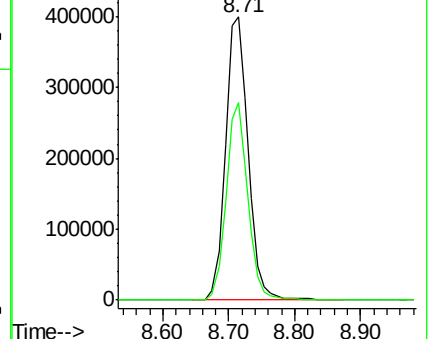
98 100

100 69.9 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058212.D

Acq: 20 Jun 2018 16:16

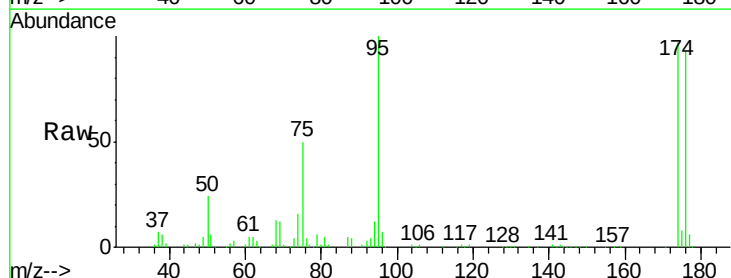
Tgt Ion: 95 Resp: 405944

Ion Ratio Lower Upper

95 100

174 97.1 0.0 170.2

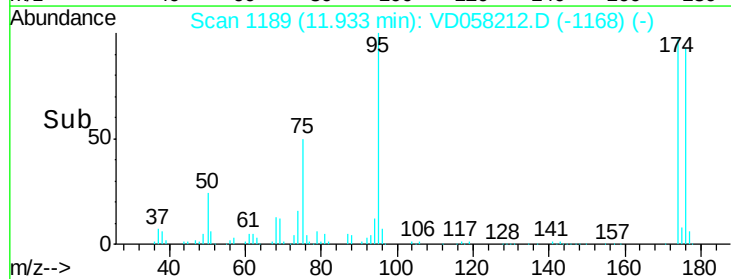
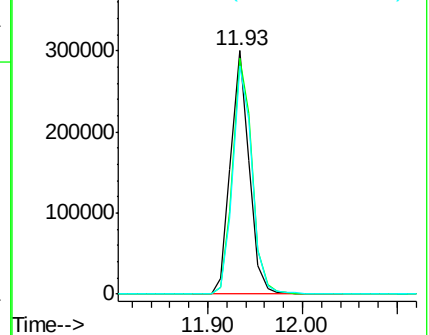
176 93.5 0.0 164.6

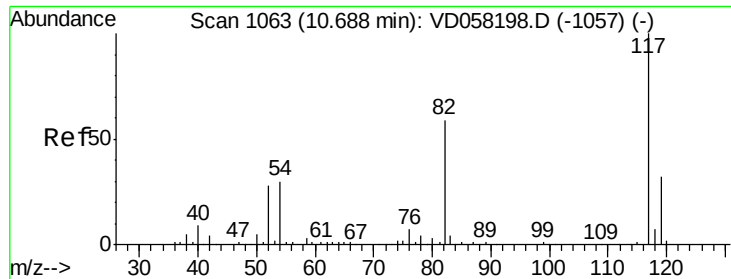


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

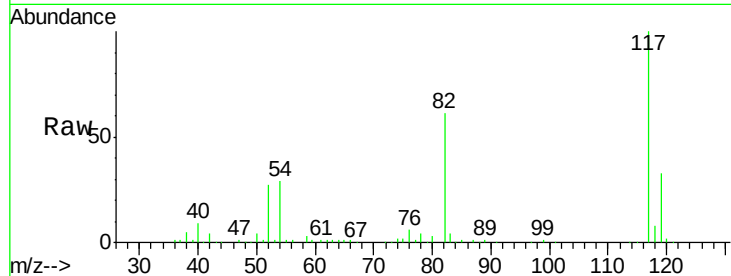




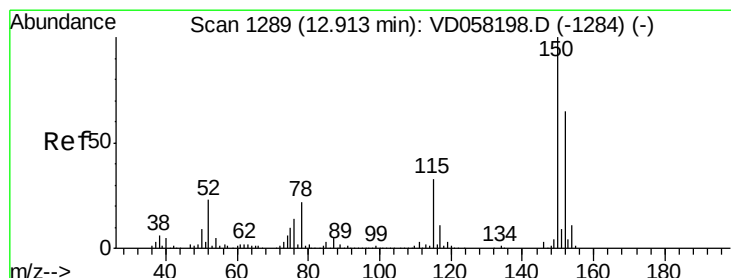
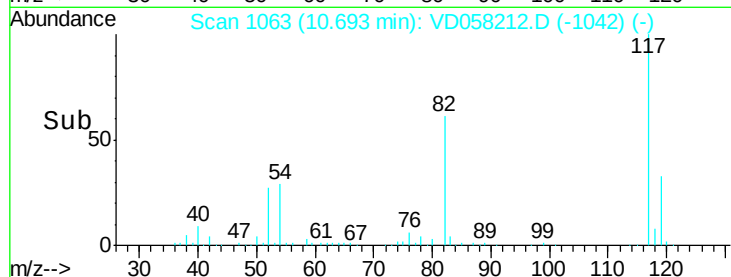
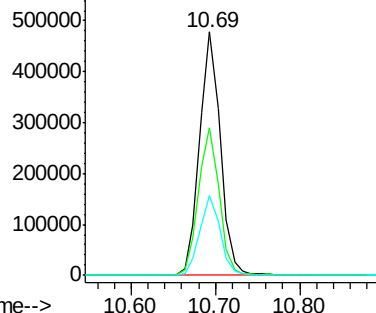
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058212.D
Acq: 20 Jun 2018 16:16

Instrument :
MSVOA_D
ClientSampleId :
A-6(3.0)

Tot Ion:117 Resp: 825279
Ion Ratio Lower Upper
117 100
82 60.6 47.0 70.6
119 32.5 25.3 37.9

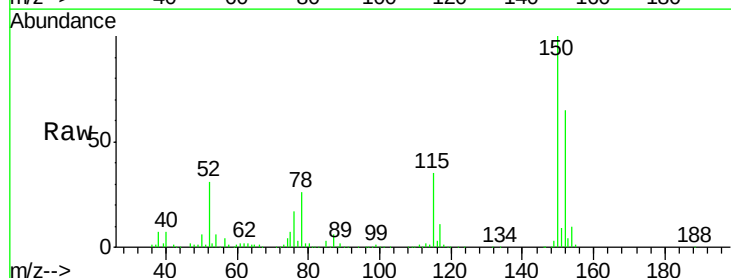


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058212.D
Acq: 20 Jun 2018 16:16

Tgt Ion:152 Resp: 463656
Ion Ratio Lower Upper
152 100
115 54.5 25.1 75.3
150 154.8 0.0 308.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

